Kaetsu et al.

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[54]	IMMOBIL BACTERL	IZATION OF ENZYMES OR A CELLS
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[56]		References Cited
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		er—David M. Naff

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[57] ABSTRACT

A porous polymer containing immobilized enzymes or bacteria cells is prepared by forming a mixture of enzymes or bacteria cells and a monomer having the formulae

$$CH_2 = CX - C + O - R + OR' \text{ or}$$

$$O$$

$$CH_2 = CX - C + O - R + O - C - CX = CH_2$$

$$O$$

$$O$$

wherein X is hydrogen or methyl; R is -CH₂CH₂-,

or —CH₂CH₂CH₂—, R' is alkyl or hydrogen; n is integer of 2 or more and m is integer of 4 or more, or mixture of such monomers; and then polymerizing or copolymerizing the monomer(s) in the mixture at a temperature of less than 0° C. by means of ionizing radiation.

4 Claims, No Drawings